M4A79XTD EVO/USB3 Spec	
Note: The specifications are subject to change without notice.	
CPU	AMD® Socket AM3 for Phenom™ II/Athlon™ II/ Sempron™ 100 Series Processors
	Supports 45nm CPU
	AMD Cool 'n' Quiet™ Technology
	AMD 45nm six-core CPU support
Chipset	AMD® 790X / SB750
System Bus	Up to 5200 MT/s HyperTransport™ 3.0
Memory	4 x DIMM, max. 16GB, DDR3 1800(O.C.) / 1600 / 1333 / 1066 MHz, ECC and non-ECC, un-buffered memory
	Dual channel memory architecture
	*Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
	**Refer to www.asus.com for the memory QVL (Qualified Vendors Lists).
Expasion slots	2 x PCIe 2.0 x16 slots, support ATI CrossFireX™ technology (at one x16 or dual x8 link)
	2 x PCIe x1 slots
	2 x PCI 2.2 slots
Storage	SB750 Chipset:
	- 1 x Ultra DMA 133/100/66 for up to 2 PATA devices
	- 6 x SATA 3Gb/s ports with RAID 0, 1, 5, 10 and JBOD
	Marvell 88SE6121
	- 1 x SATA 3Gb/s port(black)
	- 1 x eSATA 3Gb/s port (SATA on-the-go)
LAN	Realtek® 8112L Gigabit LAN controllers
Audio	VIA® VT1708S 8-channel High Definition Audio CODEC
	- DTS Surround Sensation UltraPC
	- Supports Jack-Detection, Multi-Streaming, and Front Panel Jack-Retasking
	- Optical S/PDIF Out ports at back I/O
	- ASUS Noise Filtering
IEEE 1394	VIA® VT6315N controller supports 2 x IEEE 1394a ports (1 at mid-board; 1 at back panel)
USB	2 x USB 3.0/2.0 ports (@PCIE USB3 card)
	12 x USB 2.0/1.1 ports (4 ports at mid-board, 8 ports at back panel)
ASUS Unique Features	**ASUS Power Solutions:**
	- ASUS New-Gen. 8+2 Phase Power Design
	- ASUS Anti-Surge Protection
	ASUS Green Design:
	- EPU
	Express Gate
	ASUS Quiet Thermal Solution:
	- ASUS Fanless Design: Stylish heat-sink solution
	- ASUS Q-Fan2
	ASUS EZ DIY:
	- ASUS Q-Shield
	- ASUS Q-Connector
	- ASUS CrashFree BIOS 3
	- ASUS O.C. Profile
	- ASUS EZ Flash 2
Special Features	100% All High-quality Conductive Polymer Capacitors!
	ASUS MyLogo 2
	AMD OverDrive Support*
	*Advanced cooling system is required when advanced overclock functions of AMD OverDrive are enabled.
	Intelligent overclocking tools:
	- AI Overclocking (Intelligent CPU Frequency Tuner)

ASUS Exclusive Overclocking Features	- TurboV
	- Turbo Key
	Precision Tweaker 2
	- vCore: Adjustable CPU voltage at 0.0125V increment
	- vChipset (N.B.): 16-step voltage control
	- vDIMM: 50-step DRAM voltage control
	SFS (Stepless Frequency Selection)
	- FSB tuning from 200MHz up to 600MHz at 1MHz increment
	- PCIe frequency tuning from 100MHz up to 150MHz at 1MHz increment
	Overclocking Protection:
	- ASUS C.P.R. (CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard port (Purple)
	1 x PS/2 mouse port (Green)
	1 x S/PDIF Out port (Optical)
	1 x eSATA
	1 x IEEE 1394a port
	1 x LAN (RJ45) port
	8 x USB 2.0/1.1 ports
	2 x USB 3.0/2.0 ports(@ PCIE USB3 card)
	8-Channel Audio I/O ports
Internal I/O Connectors	2 x USB connectors (4 ports)
	1 x COM connector
	1 x IDE connector
	7 x SATA connectors
	1 x CPU Fan connector
	1 x Chassis Intrusion
	2 x Chassis Fan connectors
	1 x Power Fan connector
	Front panel audio connector
	1 x IEEE 1394a connector
	1 x S/PDIF Out header
	CD audio in
	24-pin ATX Power connector
	4-pin ATX 12V Power connector
	System Panel (Q-Connector)
BIOS	8 Mb Flash ROM, AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3, ACPI 2.0a, ASUS EZ Flash 2, ASUS CrashFree BIOS 3
Manageability	WOL by PME, WOR by PME, WOR by Ring, Chasis Intrusion, PXE
Accessories	1 x Ultra DMA 133/100/66 cable
	4 x Serial ATA cables
	1 x Q-Shield
	1 x User's manual and SDVD for M4A79XTD EVO
	1 x User's manual and SDVD for PCIE USB3
	2-in-1 Q-connector (USB, System panel; Retail version only)
Support DVD	Drivers
	Express Gate
	ASUS PC Probe II
	ASUS Update
	ASUS AI Suite
	AMD OverDrive Utility (AOD)
	Anti-virus software (OEM version)
Form Factor	ATX Form Factor, 12"x 9.6" (30.5cm x 24.4cm)